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Amendments to the Claims:

1 1. (Currently amended) A method of calculating capacity of an intelligent battery
2 equipped with a current measurement circuit to measure an electric current value on
3 which calculation of battery capacity is based, comprising the steps of:

4
5 (a) sending, from a system to the an SBS-compliant intelligent battery, a notice
6 that it shifts to a low electric power consumption mode, and a consumption electric
7 current value or a consumption electric power value in the low electric power
8 consumption mode unique to the system, when the system using the intelligent battery
9 shifts from a normal operational mode to the low electric power consumption mode,
10 the notice being defined in at least one command selected from among
11 OptionalMfgFunction1 to OptionalMfgFunction5 of SBS ;

12
13 (b) performing subtraction of capacity data of the intelligent battery based on
14 the received consumption electric current value or consumption electric power value
15 in the low electric power consumption mode, and disabling capacity calculation by the
16 current measurement circuit;

17
18 (c) sending, from the system to the intelligent battery, a notice of shifting to the
19 normal operational mode, and stopping the subtraction of capacity data based on the
20 consumption electric current value or consumption electric power value in the low
21 electric power consumption mode, and enabling capacity calculation by the current
22 measurement circuit, when the system using the intelligent battery shifts from the low
23 electric power consumption mode to the normal operational mode.

1 2. (Previously Amended) The method of calculating capacity of an intelligent
2 battery according to Claim 1, wherein said low electric power consumption mode is
3 a soft-off state or a suspended state.

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